UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/632,500	08/01/2003	E. David Neufeld	200302368-1	4394

7590   12/01/2006

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EXAMINER
SONG, HOSUK

ART UNIT	PAPER NUMBER
2135	

DATE MAILED: 12/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	**Applicant(s)**
Office Action Summary	10/632,500	NEUFELD ET AL.
	Examiner	**Art Unit**	
	HOSUK SONG	2135	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>01 August 2003</u>.

2a)☐ This action is **FINAL.**   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-23</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-23</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>01 August 2003</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-SB/08) Paper No(s)/Mail Date <u>20061116</u>.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis

for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
patent by another filed in the United States before the invention by the applicant for patent, except that an
international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
subsection of an application filed in the United States only if the international application designated the United
States and was published under Article 21(2) of such treaty in the English language.

Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Jackson et al(US

7,116782).

Claim 1: Jackson disclose calculating at the remote system a first hash of an operation using a

hash algorithm and encrypting at the remote system the first hash to form a signed hash in (col.11,lines

13-22). Jackson disclose receiving at the remotely accessed system the signed hash from the remote

system and storing at the remotely accessed system a reference hash in a section of non-volatile memory

before receiving the signed hash in (col.11,lines 13-22 and col.12,lines 37-43). Jackson disclose

validating at the remotely accessed system the signed hash using the reference hash and executing at the

remotely accessed system the operation associated with the signed hash if the signed hash is validated in

(col.12,lines 16-22).

Claims 2,8: Jackson discloses responding to the remote system based on the validation of the

signed hash in (col.10,lines 51-53).

Claim 3: Jackson discloses generating a completion message if the signed hash is validated in

(col.12,lines 16-22).

Claim 4: Jackson discloses generating an error message if the signed hash is not validated in

(col.10,lines 51-58).

Claim 5: Jackson discloses operation comprises a command in (col.14,lines 20-23).

Claim 6: Jackson discloses operation comprises identification information in (col.14,lines 20-27).

Claim 7: Jackson discloses accessing a database to access the reference hash in (col.12,lines 37-43).

Claims 9,17: Jackson disclose delivering identification information to a remotely accessed system from a remote system;creating a nonce at the remotely accessed system;delivering the nonce to the remote system;calculating at the remote system a first hash of an operation using a hash algorithm and encrypting at the remote system the first hash along with the none to forma signed hash in (col.11,lines 13-22). Jackson disclose receiving at the remotely accessed system the signed hash from the remote system;storing at the remotely accessed system a reference hash in a section of non-volatile memory before receiving signed hash;validating at the remotely accessed system by comparing the signed hash to the reference hash and executing at the remotely accessed system the operation associated with the signed hash if the sign hash is validated in (col.11,lines 13-22 and col.12,lines 16-22, 37-43).

Claims 10,11: Jackson discloses signing at the remote system the first hash to form the signed hash in (col.11,lines 16-22).

Claim 12: Jackson discloses responding to the remote system based on the validation of the signed hash in (col.7,lines 51-60).

Claim 13: Jackson disclose storing the identification information at the remotely accessed system and validating comprises verifying the identification information to determine if a packet is valid in (col.12,lines 16-22;col.14,lines 20-27).

Claims 14,15: Jackson discloses accessing a database for the reference hash, wherein the reference hash comprises a second hash along with the nonce in (col.12,lines 37-43).

Claim 16: Jackson discloses verifying identification information in (col.14,lines 20-27).

Claim 18: Jackson disclose a first computer system, the first computer system comprising a first program for hashing information; a request being generated from information received by the first computer system and hashed by the first program; a network connected to the first computer system and adapted to receive the request in (col.11,lines 13-22). Jackson disclose a second computer system connected to the network and adapted to receive the request from the first computer system, wherein the second computer system comprises a processor; a first section memory operatively coupled to the processor, the first section memory storing a file that is hash in (col.9,lines 6-28,44-59;col.12,lines 16-22). Jackson disclose a second section of memory being configured to store a validation program initiated by the processor, the validation program having a validation routine configured to validate the file stored in the first section of memory against the received request; wherein if the received request is valid, the second computer system may execute a command that corresponds to the file in (col.7,lines 51-60;col.12,lines 16-22).

Claim 19: Jackson discloses information comprises a command in (col.14,lines 20-23).

Claim 20: Jackson discloses the information comprises a nonce in (col.12,lines 37-43).

Claim 21: Jackson discloses a second program for digitally signing information in (col.12,lines 6-22).

Claim 22: Jackson disclose validation program compares the hash stored in the first section of memory against signed information in the received request in (col.12,lines 37-43).

Claim 23: Jackson discloses signed information comprises a signed command and signed argument in (col.7,lines 51-60;col.10,lines 51-62).
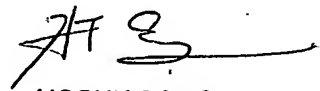
USPTO Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HOSUK SONG whose telephone number is 5712723857. The examiner can normally be reached on mon-fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KIM VU can be reached on 5712723859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HOSUK SONG
PRIMARY EXAMINER